LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	19	22	32	rVB	91001	144911	2.08%	0.362%
2	5.134	515	518	528	rVB	273789	302534	4.34%	0.757%
3	5.534	581	586	589	rBV	1736879	1515779	21.74%	3.792%
4	6.534	752	756	768	rVB	1486644	1486116	21.32%	3.717%
5	6.681	777	781	785	rBV	1705649	1559639	22.37%	3.901%
6	6.916	817	821	824	rBV	1152996	888106	12.74%	2.222%
7	7.069	843	847	851	rBV	1322999	1189604	17.06%	2.976%
8	7.475	911	916	919	rBV	1095817	902632	12.95%	2.258%
9	8.198	1035	1039	1042	rBV	1359447	1052602	15.10%	2.633%
10	9.269	1217	1221	1224	rBV	1824973	1452560	20.84%	3.633%
11	9.527	1262	1265	1269	rBV	199714	156090	2.24%	0.390%
12	9.663	1285	1288	1294	rVB	233547	194381	2.79%	0.486%
13	9.957	1334	1338	1341	rBV	973104	893815	12.82%	2.236%
14	10.739	1467	1471	1475	rBV	747487	597753	8.57%	1.495%
15	10.845	1486	1489	1495	rBV2	59974	72517	1.04%	0.181%
16	10.951	1502	1507	1509	rBV	138625	105834	1.52%	0.265%
17	11.439	1586	1590	1593	rBV	908199	783437	11.24%	1.960%
18	11.745	1640	1642	1645	rVB	319162	237505	3.41%	0.594%
19	11.827	1652	1656	1659	rBV	4433917	3850224	55.23%	9.631%
20	11.957	1670	1678	1686	rBV2	293338	378228	5.43%	0.946%
21	12.227	1721	1724	1728	rBV2	109466	103134	1.48%	0.258%
22	12.516	1765	1773	1775	rBV	4303706	5372775	77.07%	13.440%
23	12.545	1775	1778	1783	rVB	5614883	6971042	100.00%	17.438%
24	12.616	1787	1790	1794	rVB	2857260	2383318	34.19%	5.962%
25	12.657	1794	1797	1798	rBV	195688	209439	3.00%	0.524%
26	12.851	1827	1830	1833	rBV2	173875	157362	2.26%	0.394%
27	12.886	1833	1836	1838	rBV	196373	171057	2.45%	0.428%
28	12.968	1847	1850	1854	rBV2	89029	81378	1.17%	0.204%
29	13.021	1856	1859	1862	rVV	1209160	1112114	15.95%	2.782%
30	13.057	1862	1865	1867	rVV2	117291	117439	1.68%	0.294%
31	13.098	1869	1872	1878	rVB7	111963	168304	2.41%	0.421%
32	13.215	1883	1892	1894	rBV3	296340	584256	8.38%	1.461%
33	13.245	1894	1897	1898	rVV2	77273	73689	1.06%	0.184%
34	13.263	1898	1900	1906	rVB2	357768	340013	4.88%	0.851%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.339	1910	1913	1915	rVV	264734	184020	2.64%	0.460%
36	13.451	1928	1932	1936	rVV3	276948	394342	5.66%	0.986%
37	13.504	1938	1941	1944	rVV2	163947	199480	2.86%	0.499%
38	13.533	1944	1946	1951	rVB3	84955	81492	1.17%	0.204%
39	13.704	1973	1975	1981	rBV2	79814	83184	1.19%	0.208%
40	13.768	1981	1986	1991	rVB2	504884	707503	10.15%	1.770%
41	14.004	2023	2026	2029	rBV	225413	212610	3.05%	0.532%
42	14.080	2035	2039	2042	rBV	886884	913659	13.11%	2.285%
43	14.104	2042	2043	2049	rVB	108194	101395	1.45%	0.254%
44	14.539	2114	2117	2120	rBV3	81813	112975	1.62%	0.283%
45	14.627	2130	2132	2136	rVB	100511	80829	1.16%	0.202%
46	14.998	2193	2195	2199	rVB	106933	91890	1.32%	0.230%
47	15.192	2225	2228	2231	rBV	209520	229367	3.29%	0.574%
48	15.580	2289	2294	2302	rBV	559971	762710	10.94%	1.908%
49	16.033	2368	2371	2376	rVB2	155453	211887	3.04%	0.530%

Sum of corrected areas: 39976930

LSC Report - Integrated Chromatogram

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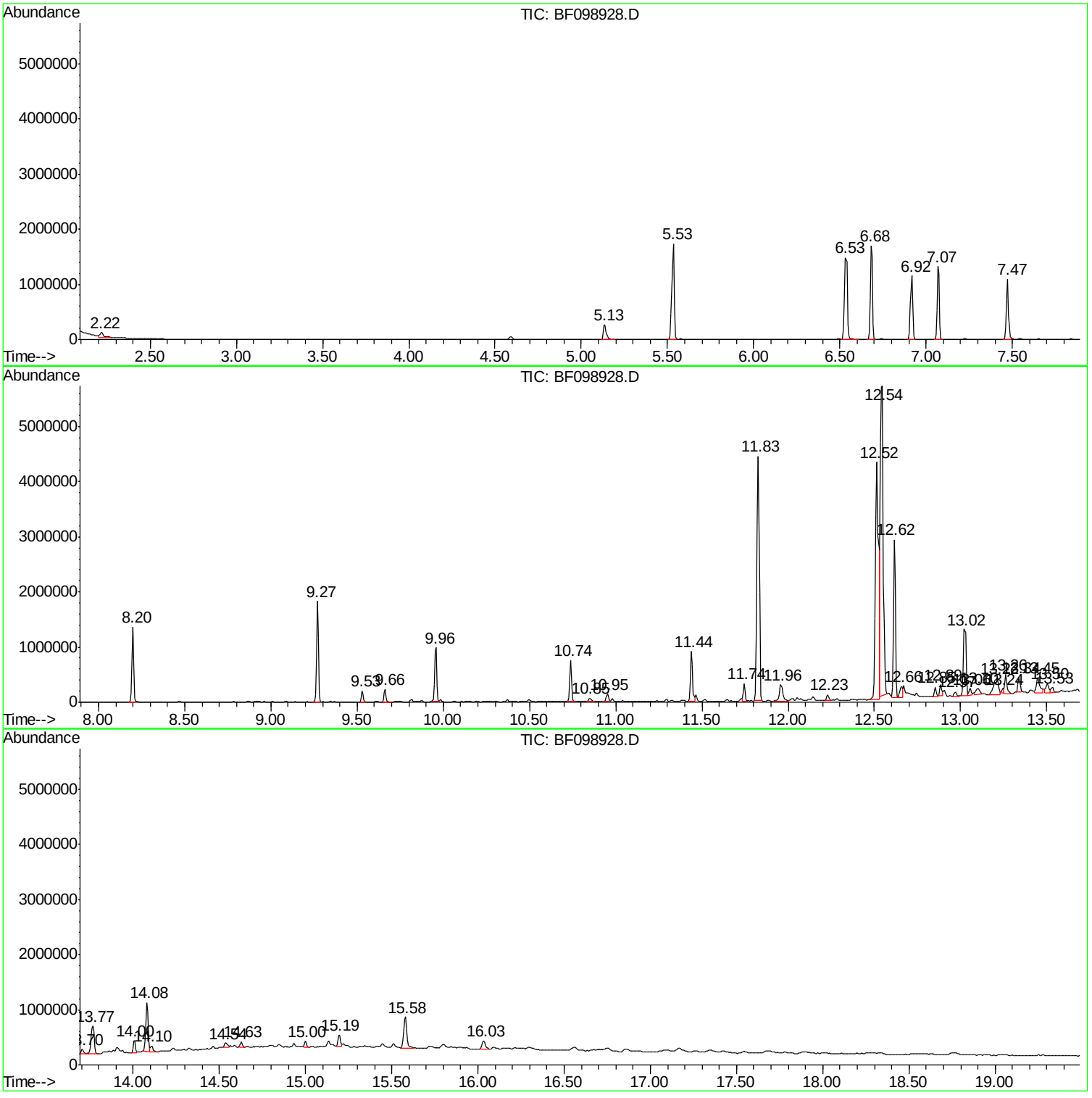
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BF098928.D
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Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

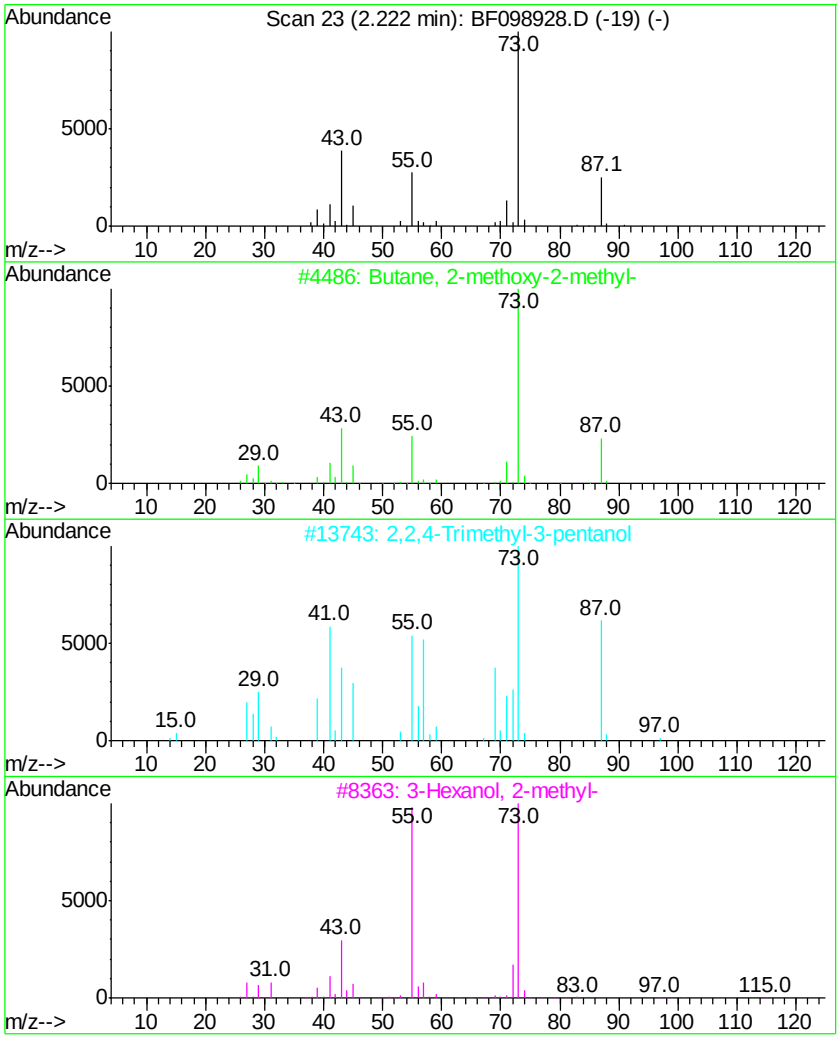
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

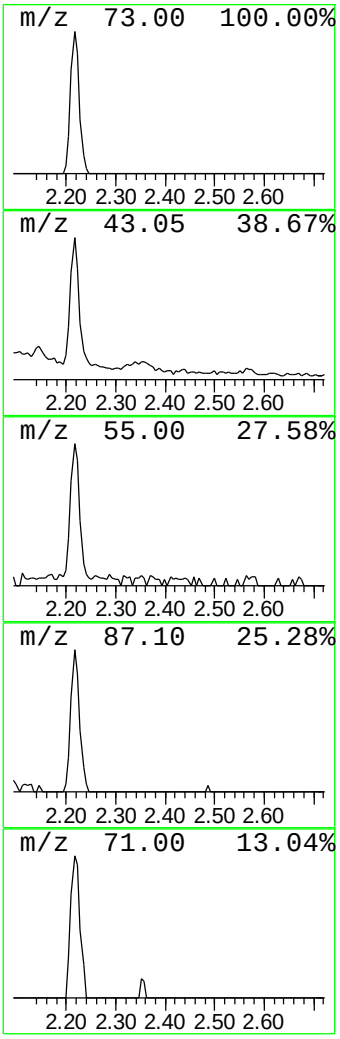
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	3.26 ng	144911	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

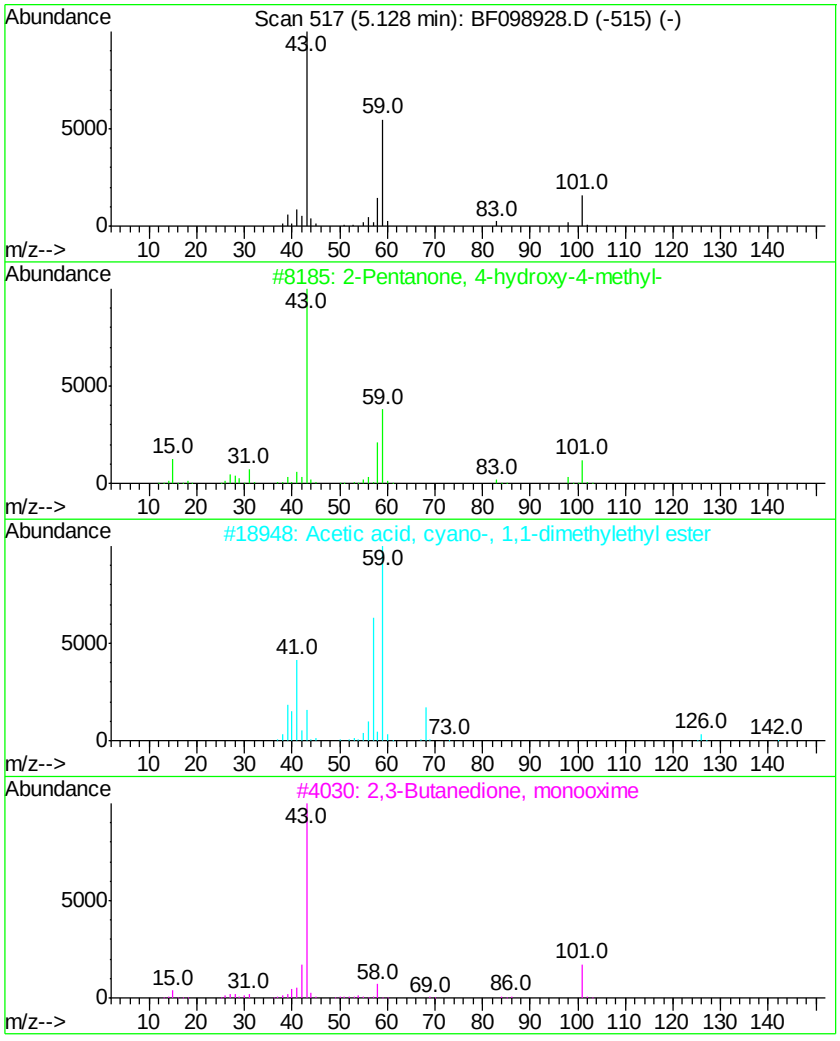
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

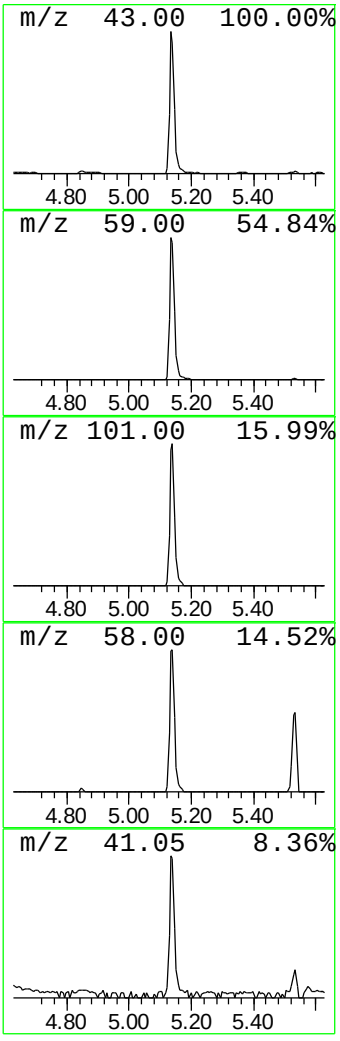
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	6.81 ng	302534	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

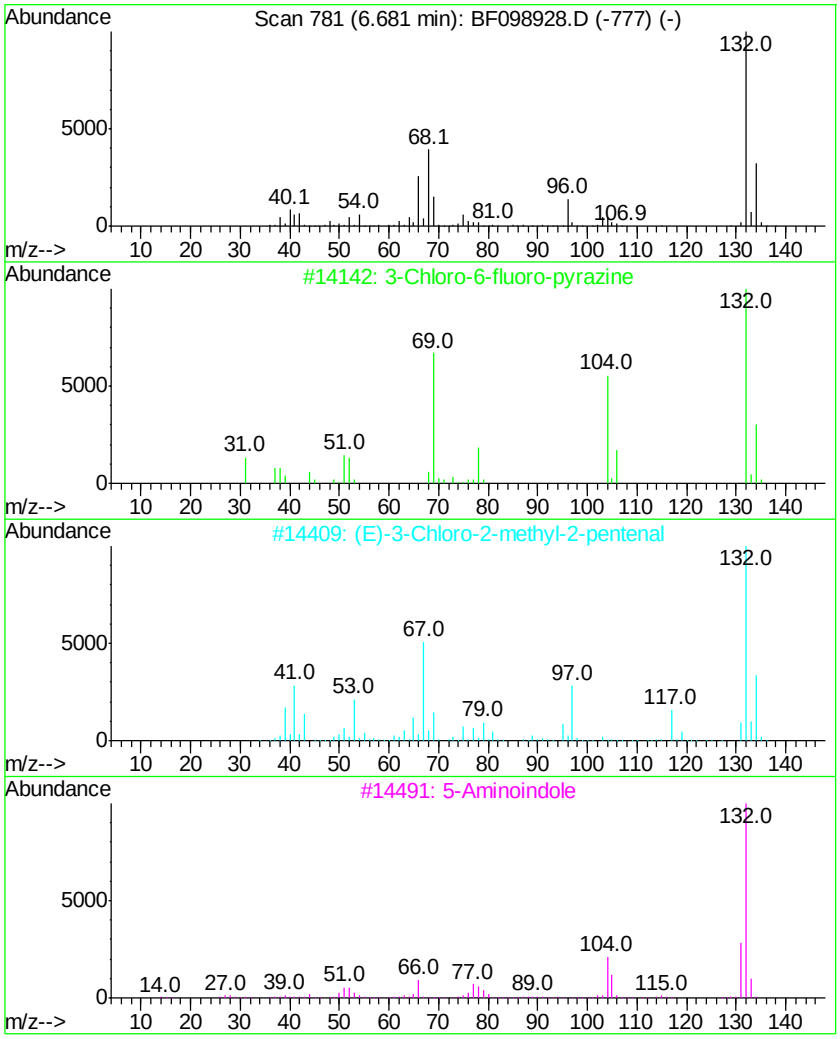
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

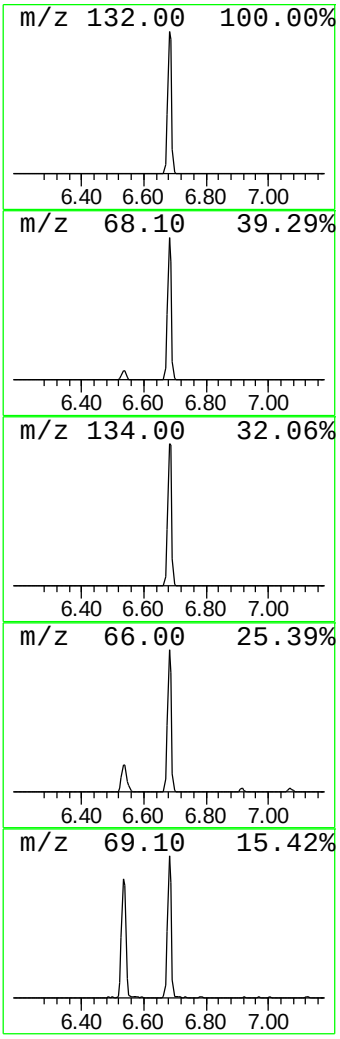
****

Peak Number 3 unknown6.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	35.12 ng	1559640	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

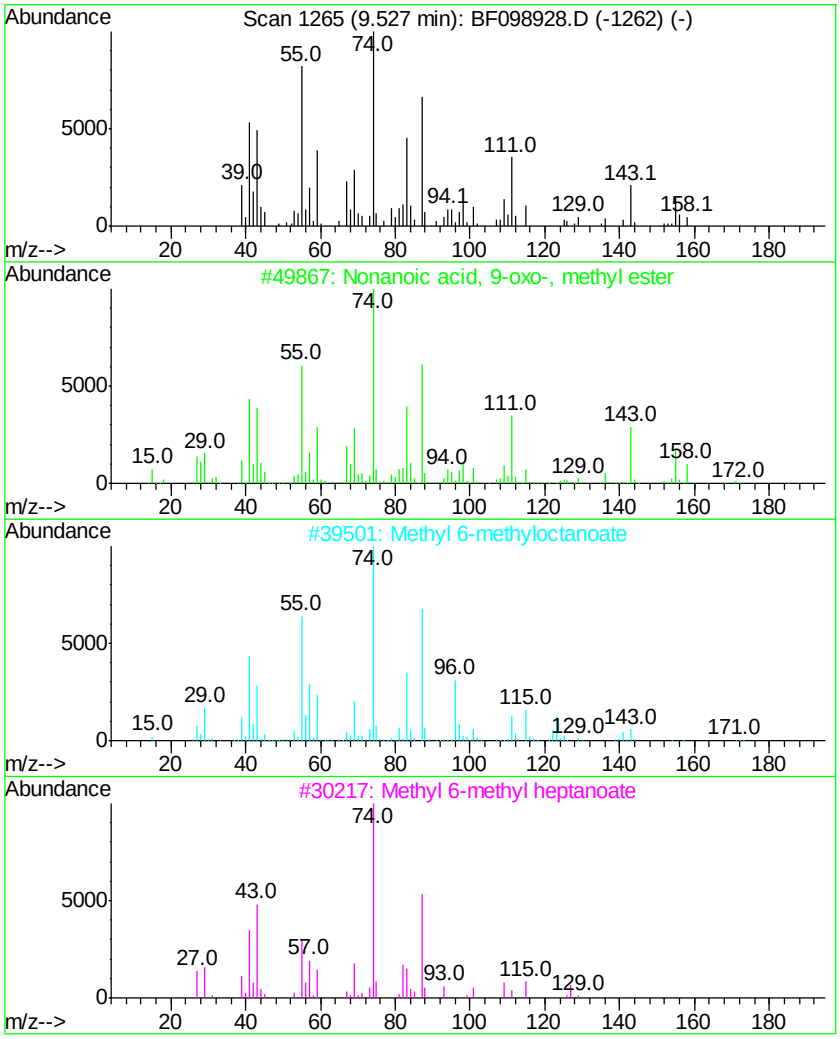
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

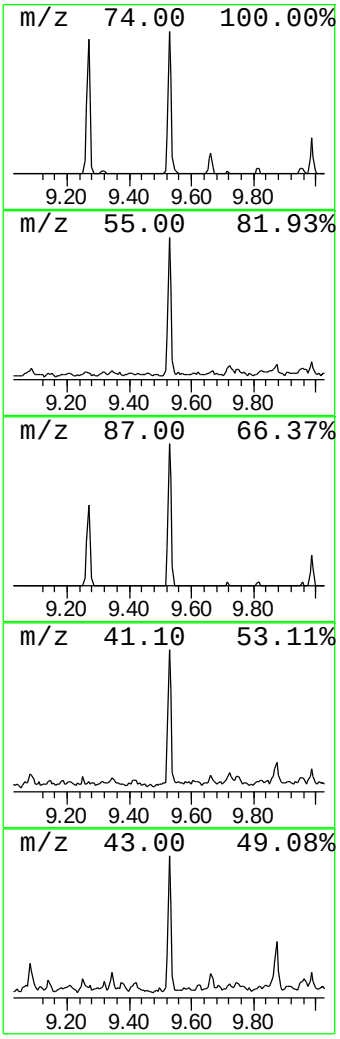
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Nonanoic acid, 9-oxo-, meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.49 ng	156090	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	90
2	Methyl 6-methyloctanoate	172	C10H20O2	005129-62-4	53
3	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	47
4	Octanoic acid, 8-hydroxy-, methy...	174	C9H18O3	020257-95-8	43
5	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

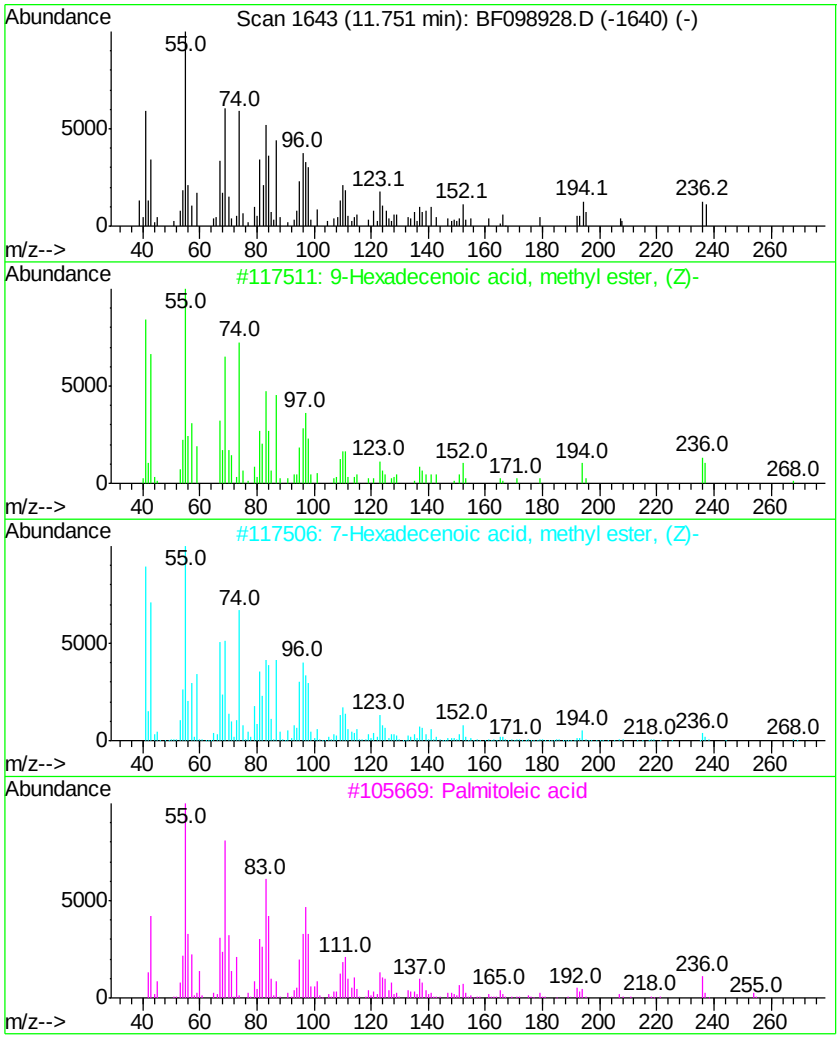
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

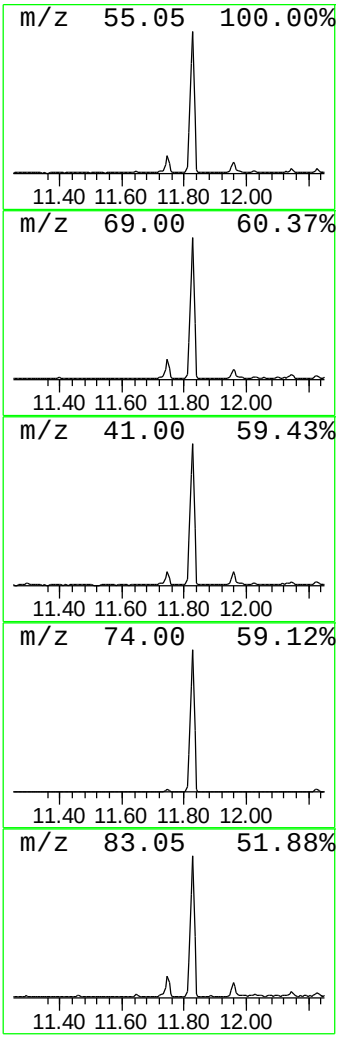
****

Peak Number 6 9-Hexadecenoic acid, methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.06 ng	237505	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	74
3	Palmitoleic acid	254	C16H30O2	000373-49-9	43
4	Methyl 11-oxo-9-undecenoate	212	C12H20O3	053613-55-1	43
5	Chloromethyl 7-chlorododecanoate	282	C13H24Cl2O2	080419-03-0	38





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Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

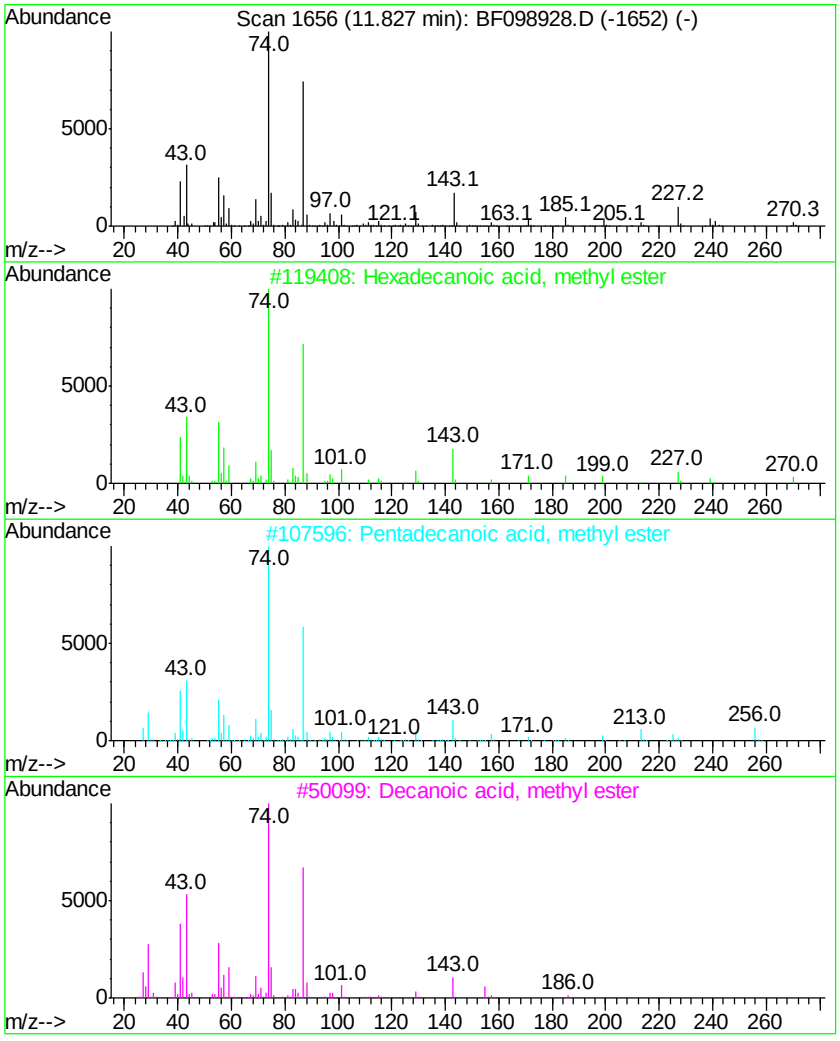
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

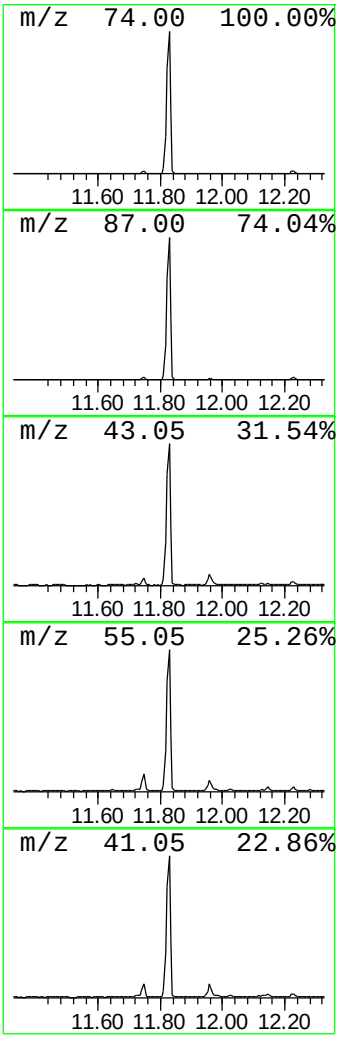
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	98.29 ng	3850220	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

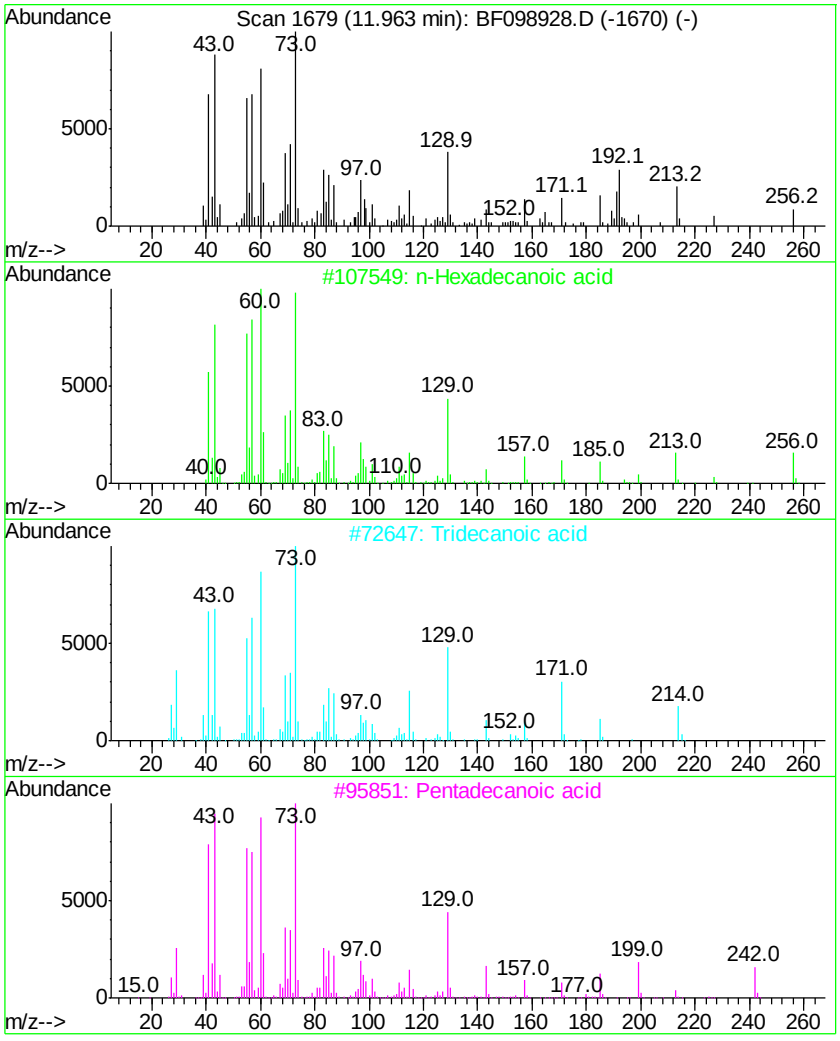
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

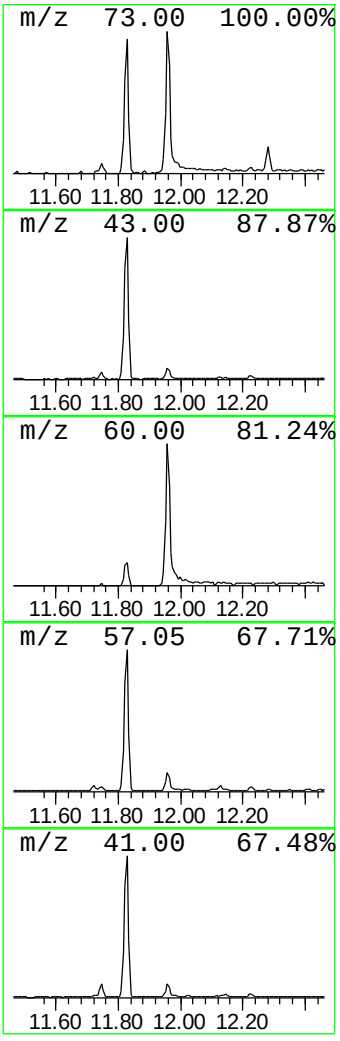
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	9.66 ng	378228	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
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Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

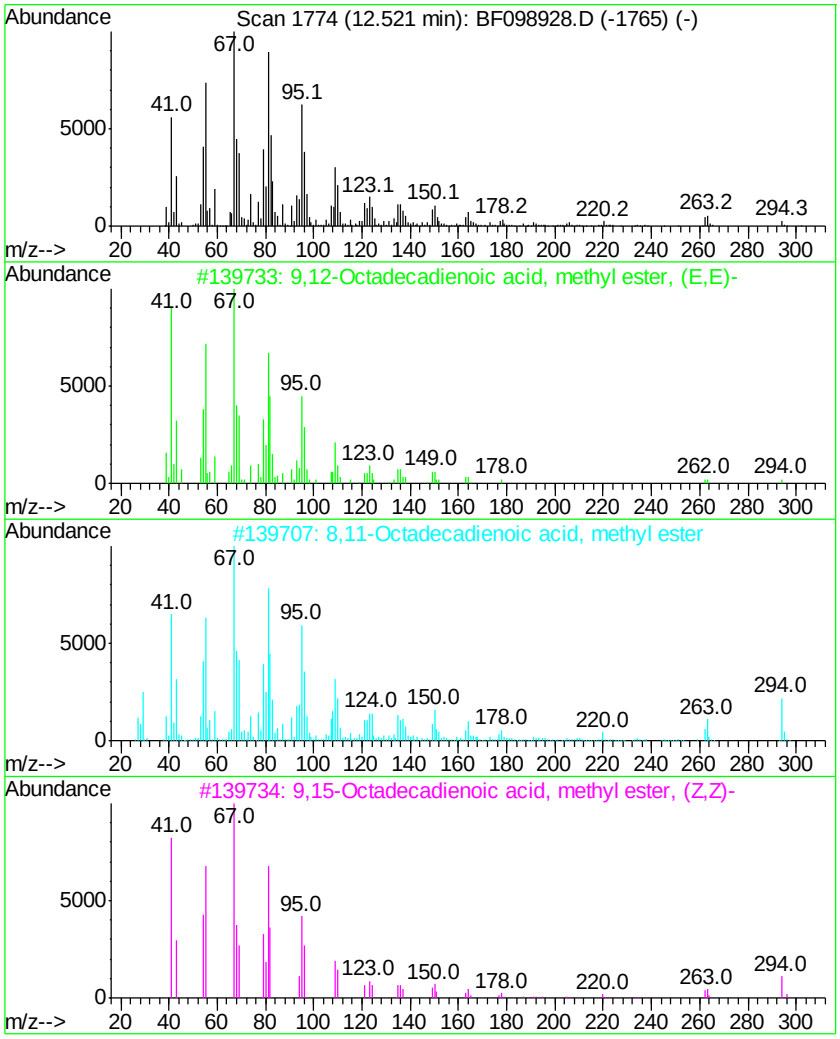
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

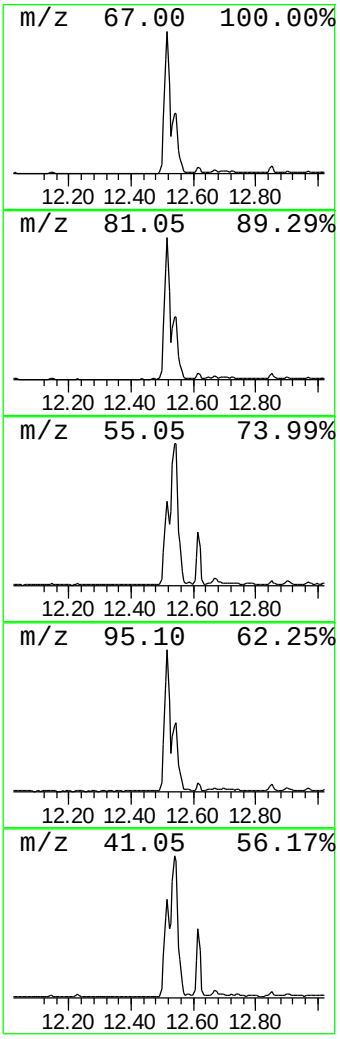
****

Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	137.16 ng	5372780	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

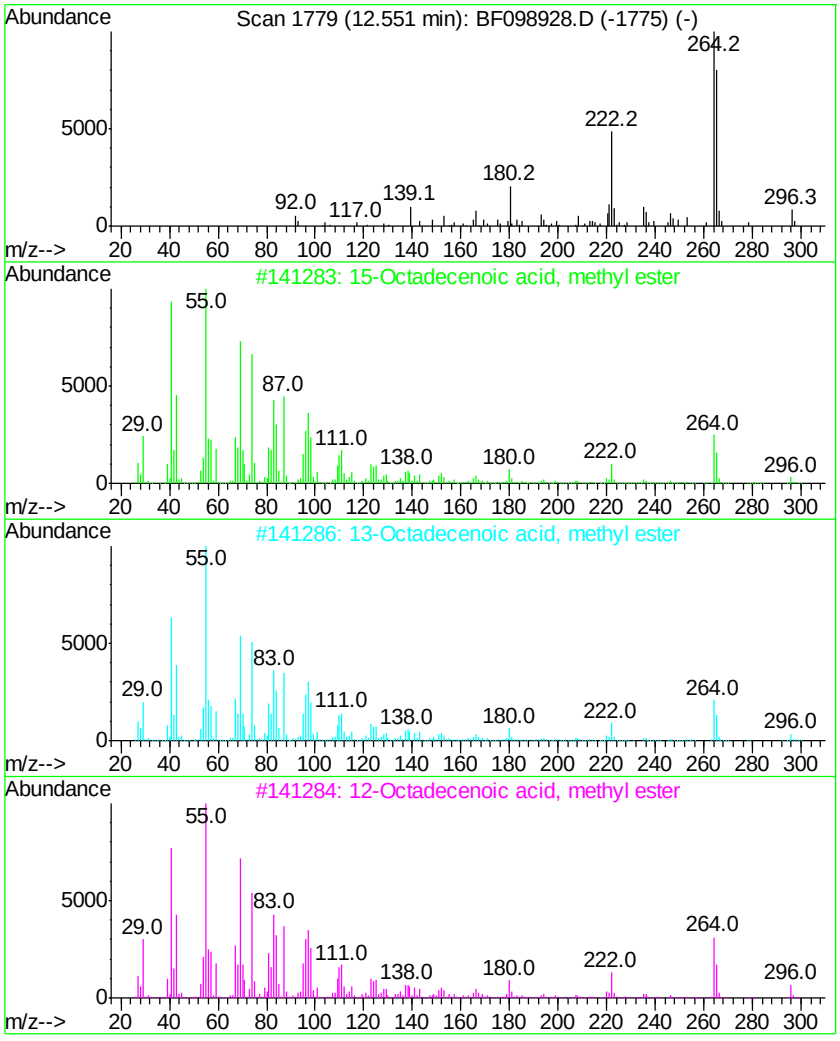
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

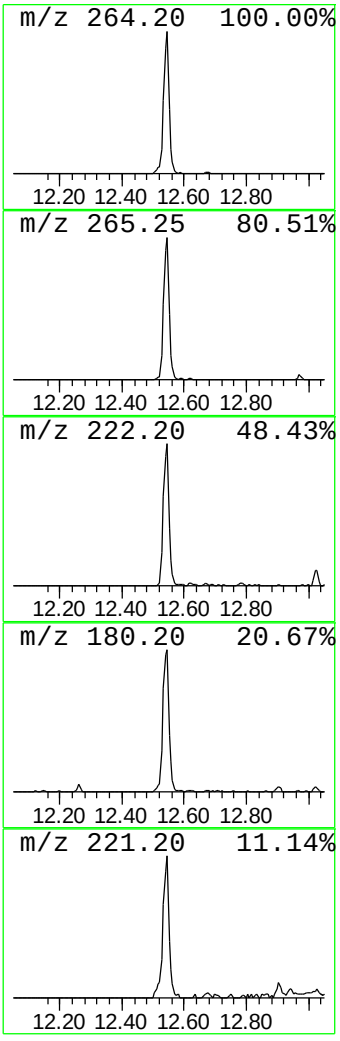
****

Peak Number 10 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	177.96 ng	6971040	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

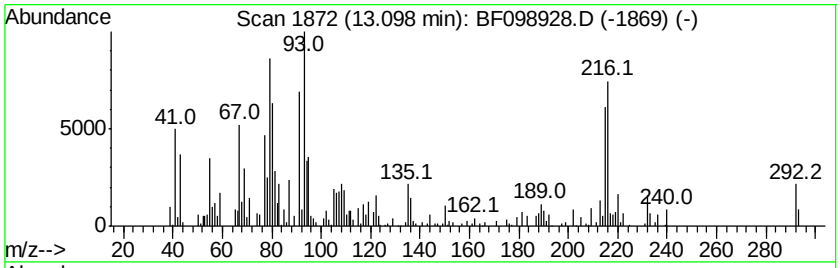
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

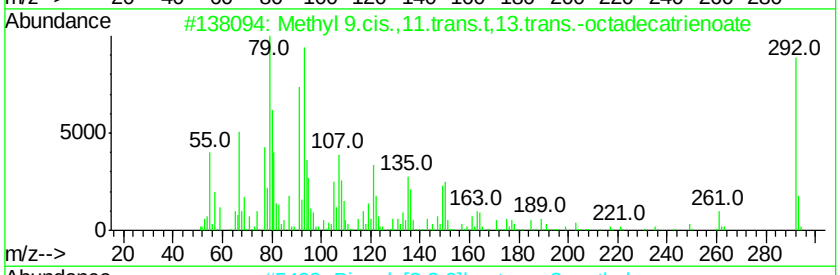
****

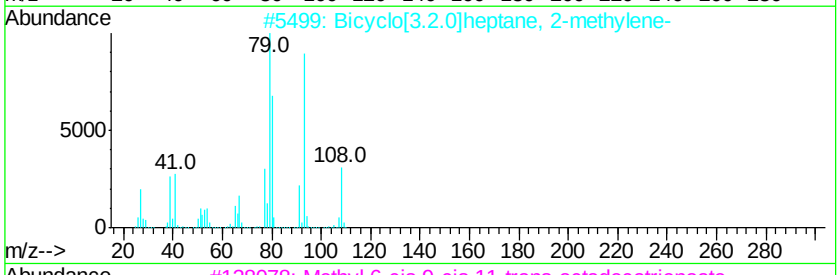
Peak Number 11 Methyl 9.cis.,11.trans.t,13... Concentration Rank 18

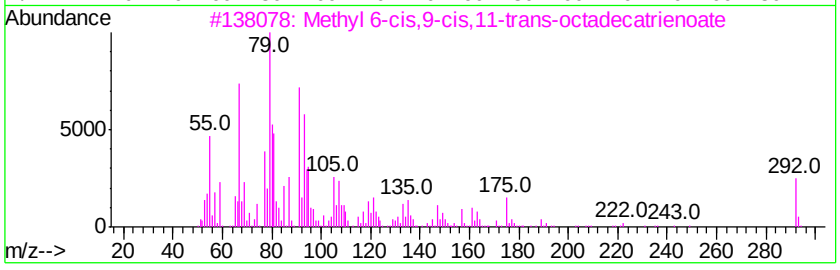
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.68 ng	168304	Chrysene-d12	14.08

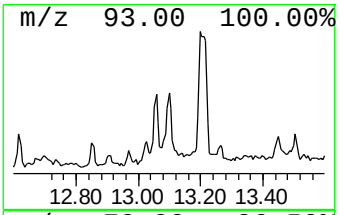
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	83
2	Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	43
3	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	41
4	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	38
5	Dispiro[2.1.2.1]octane	108	C8H12	025399-32-0	38

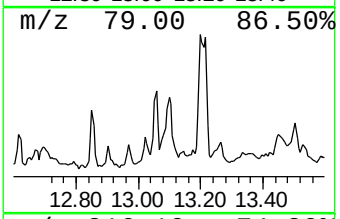


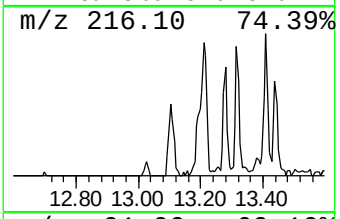


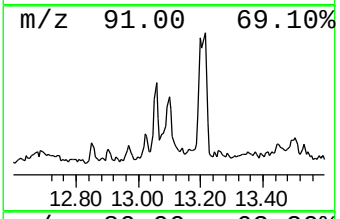


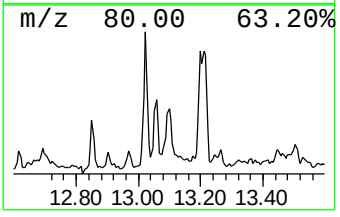












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Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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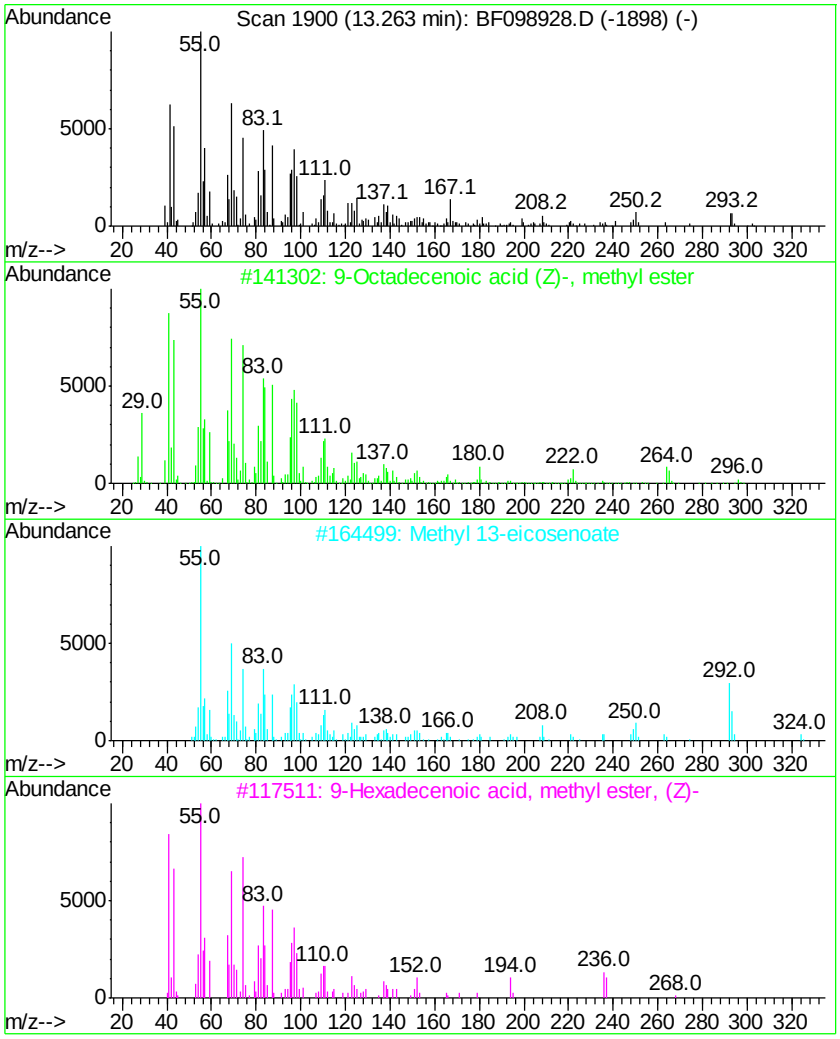
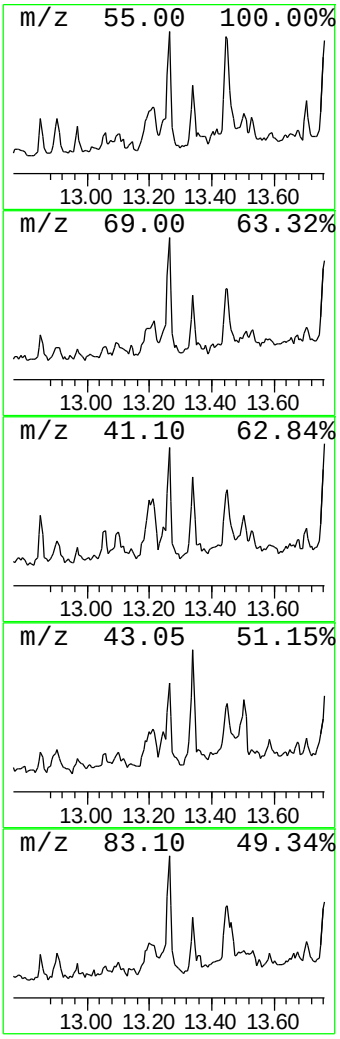
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	7.44 ng	340013	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81
2	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	80
3	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	68
4	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	60
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	52





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Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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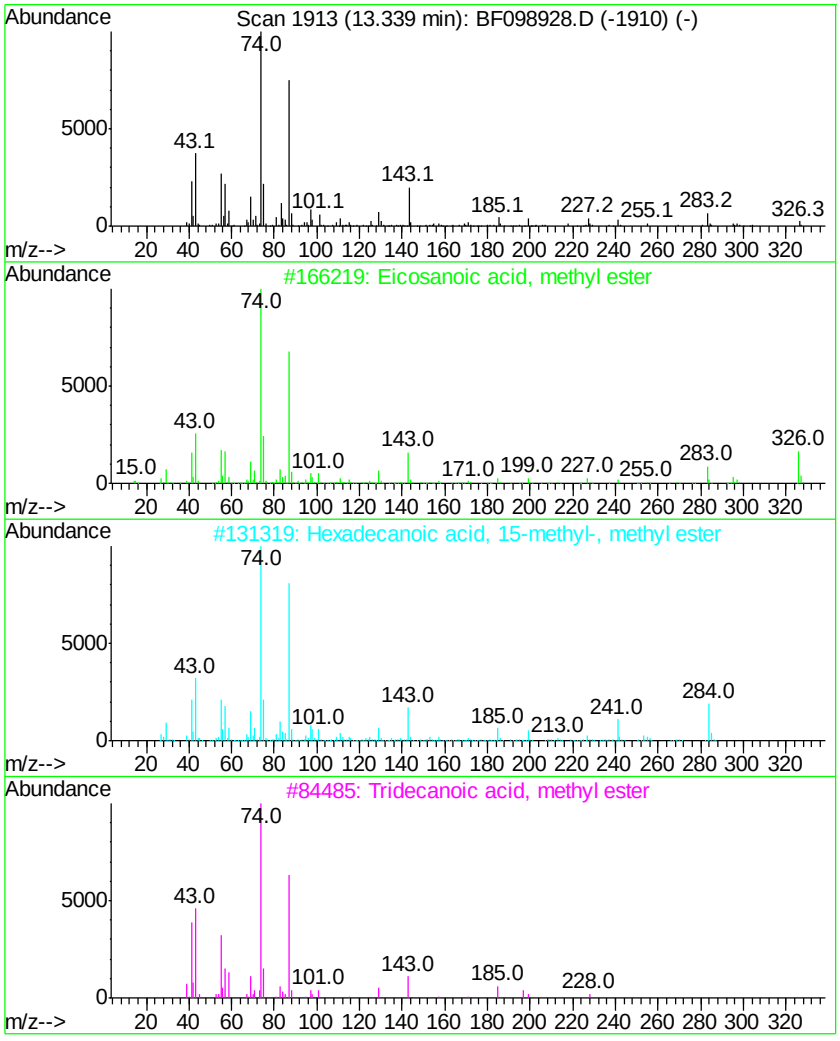
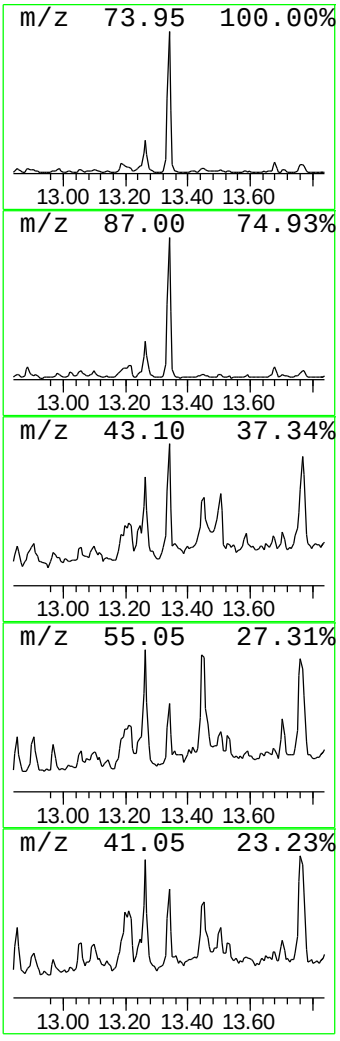
Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.03 ng	184020	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





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Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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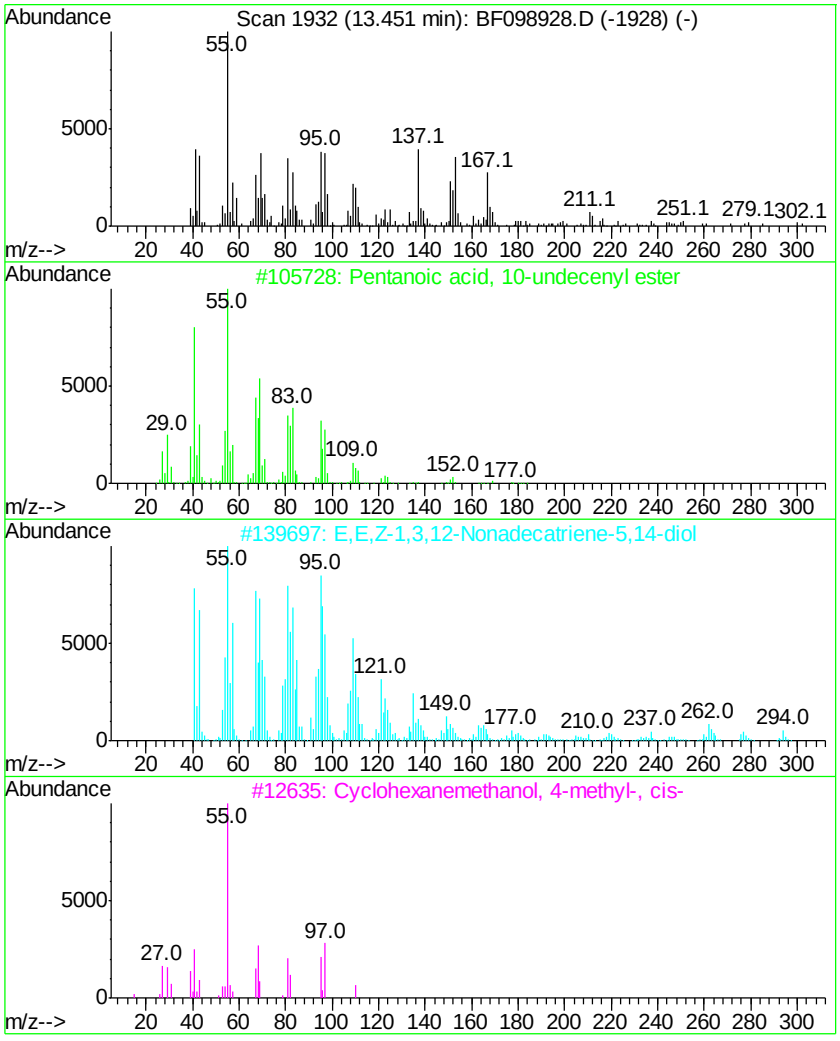
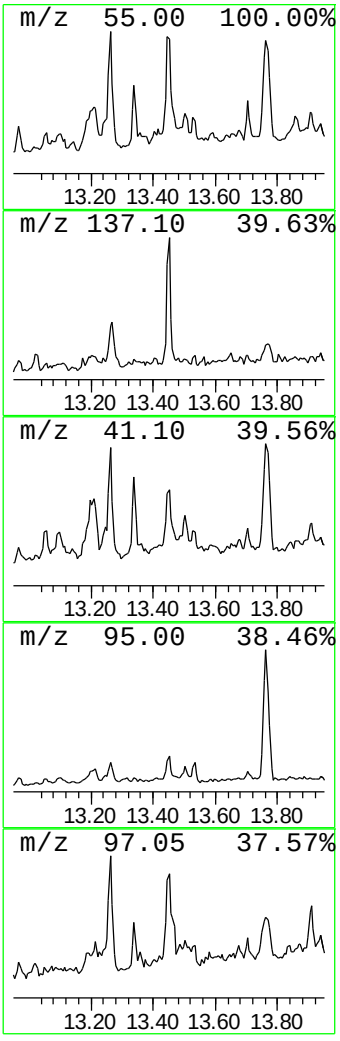
Peak Number 15 unknown13.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	8.63 ng	394342	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	22
2	E,E,Z-1,3,12-Nonadecatriene-5,14...	294	C19H34O2	1000131-11-4	22
3	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-48-2	10
4	1,5-Heptadiene, 2-methyl-, (E)-	110	C8H14	041044-63-7	10
5	2-Methyl-1,5-heptadiene (c,t)	110	C8H14	006766-54-7	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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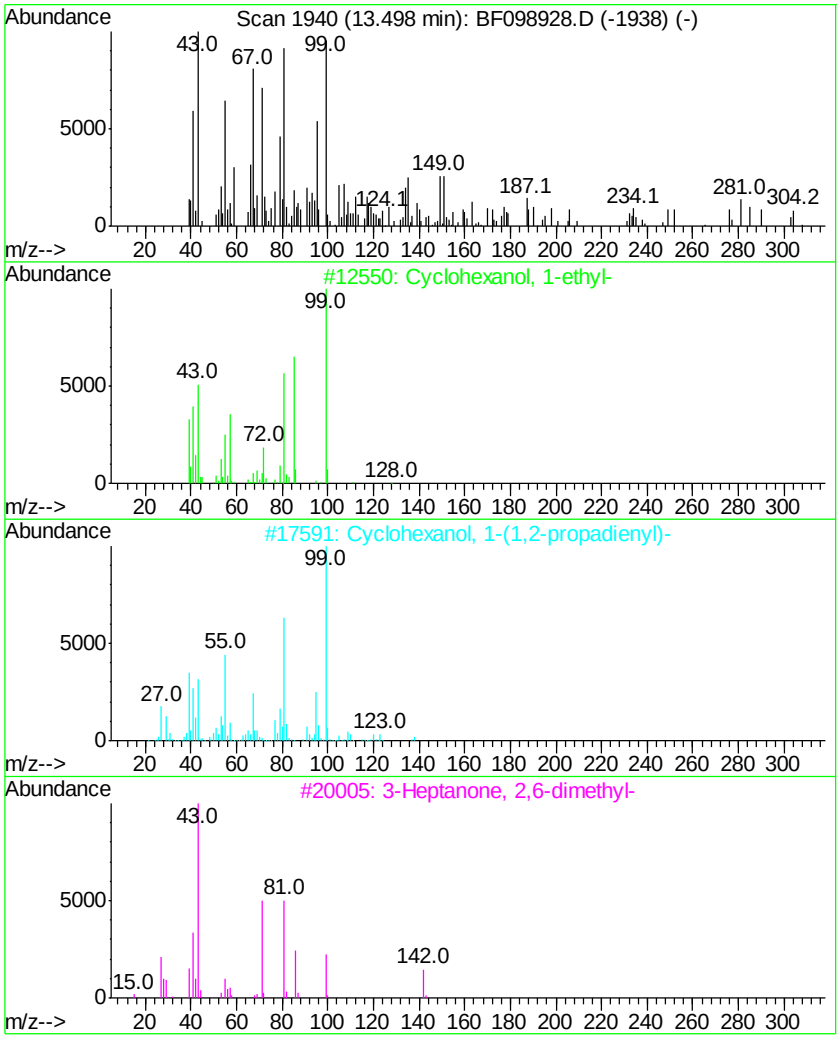
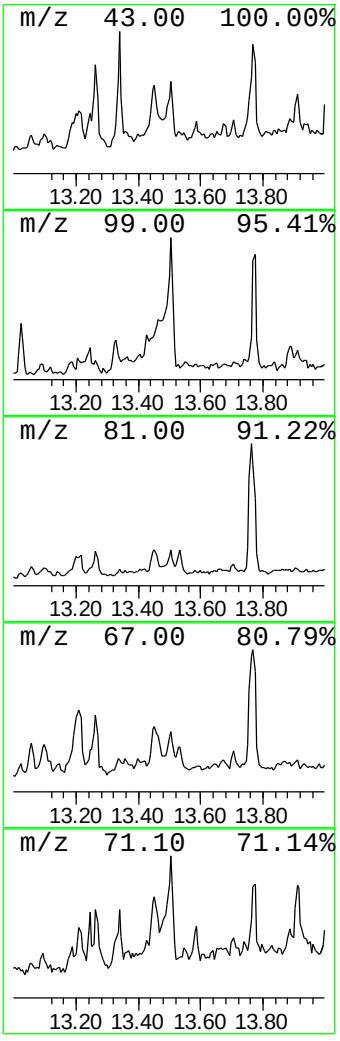
Peak Number 16 unknown13.50 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.37 ng	199480	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	38
2	Cyclohexanol, 1-(1,2-propadienyl)-	138	C9H14O	034761-56-3	35
3	3-Heptanone, 2,6-dimethyl-	142	C9H18O	019549-83-8	22
4	Thiazole, 5-methyl-	99	C4H5NS	003581-89-3	18
5	6-Undecanone	170	C11H22O	000927-49-1	18





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Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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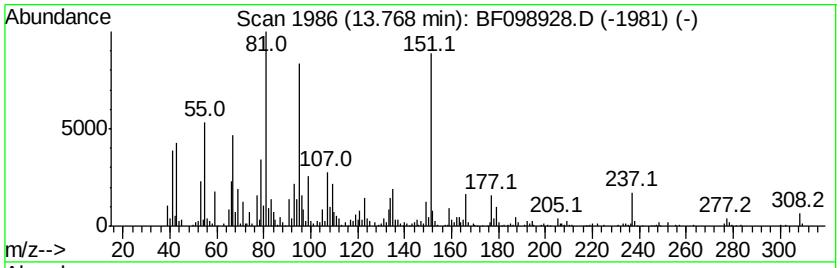
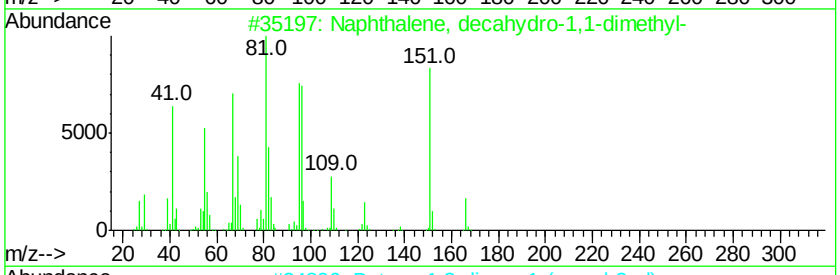
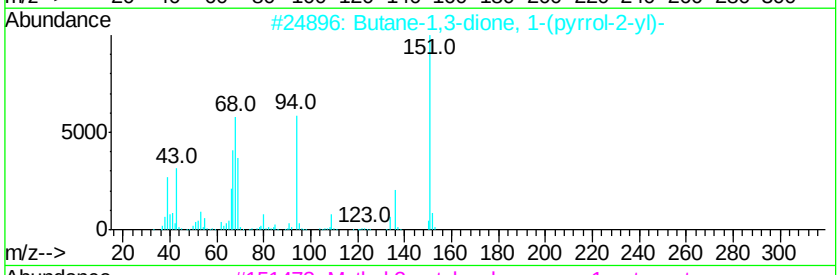
Peak Number 17 unknown13.77 Concentration Rank 6

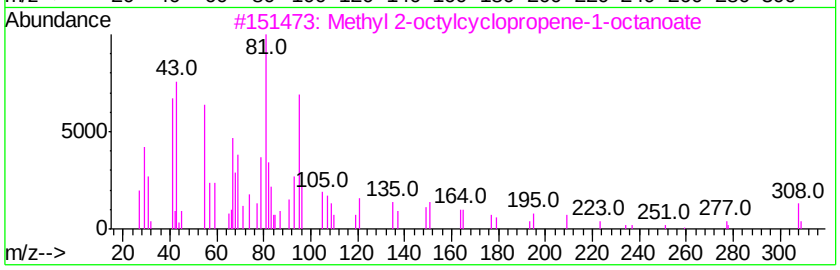
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	15.49 ng	707503	Chrysene-d12	14.08

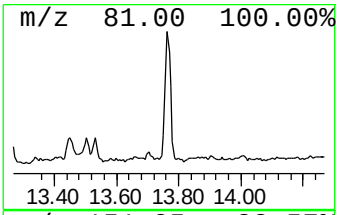
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	43
2	Butane-1,3-dione, 1-(pyrrol-2-yl)-	151	C8H9NO2	022441-25-4	38
3	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	38
4	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	30
5	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	27

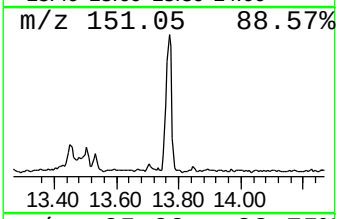


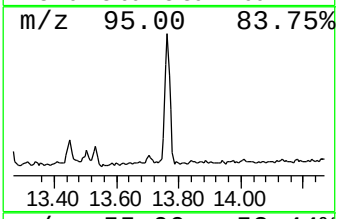


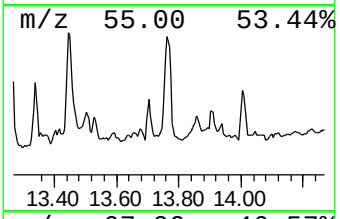


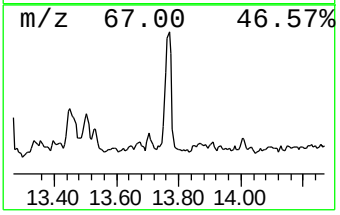












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Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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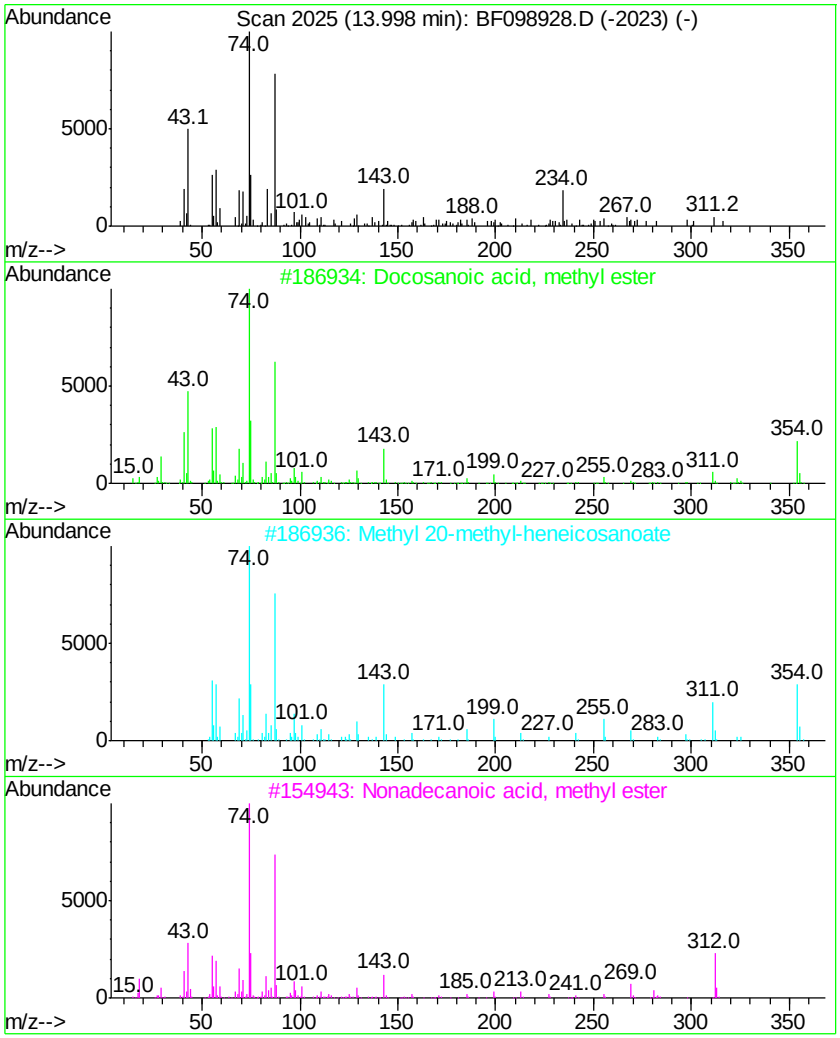
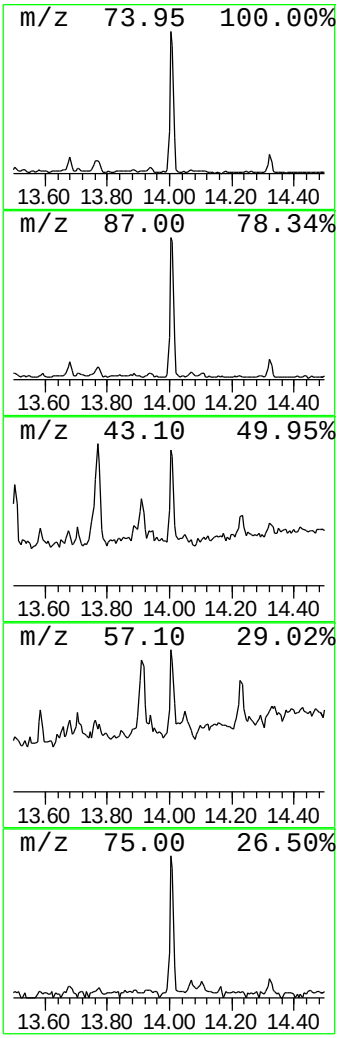
Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	4.65 ng	212610	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	94
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	87
5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	86





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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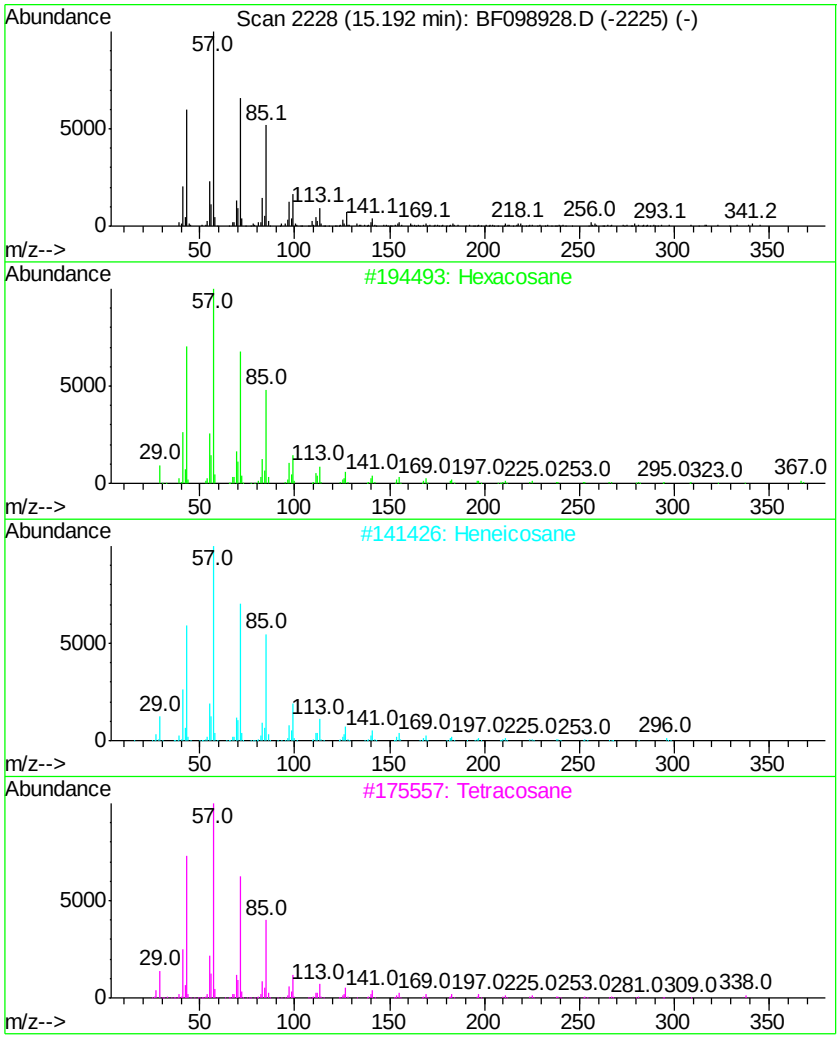
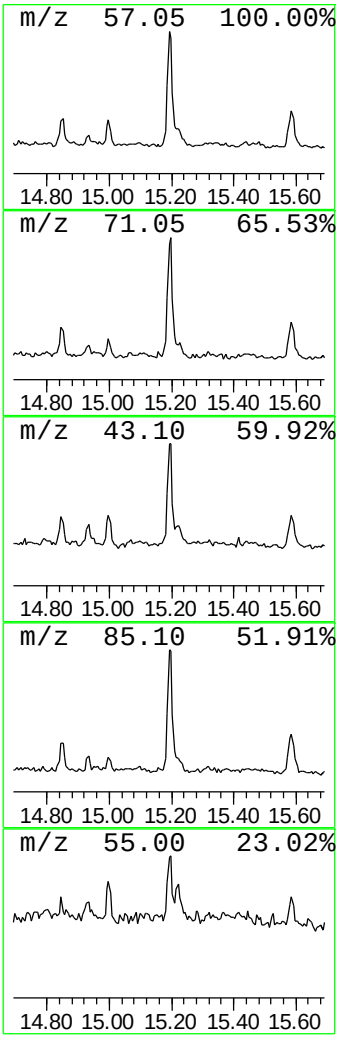
Peak Number 19 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.01 ng	229367	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetratetracontane	619	C44H90	007098-22-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

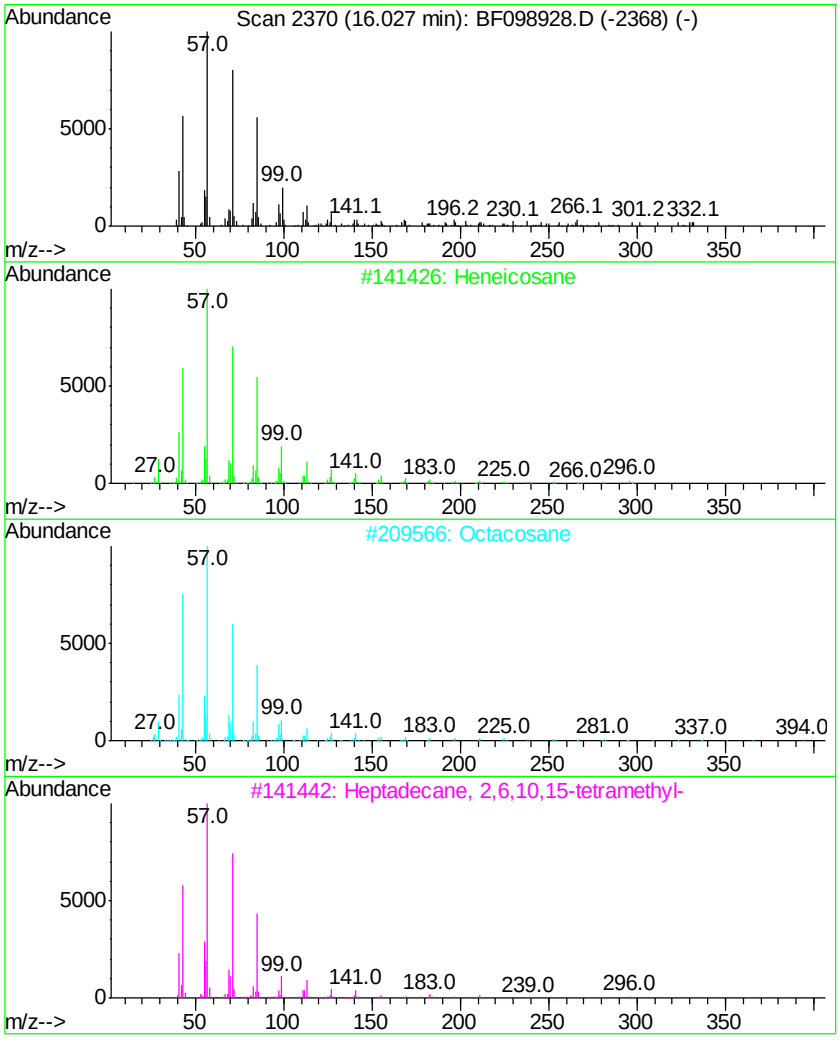
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

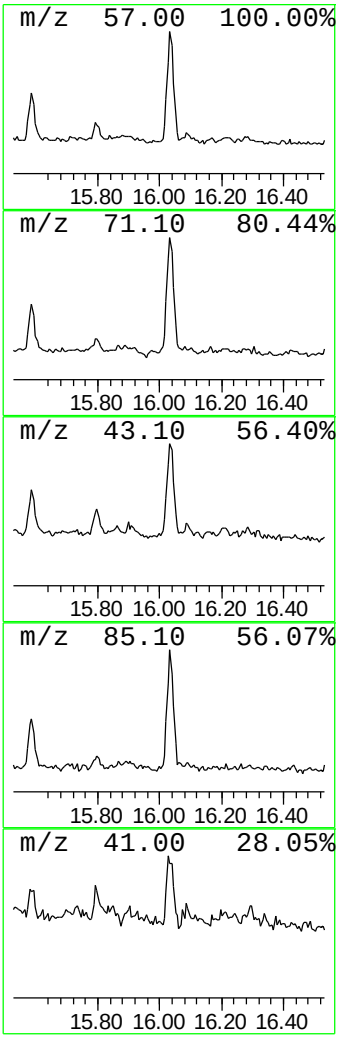
****

Peak Number 20 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.56 ng	211887	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Pentacosane	352	C25H52	000629-99-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098928.D
Acq On : 29 Sep 2017 1:16
Operator : SJ/JU
Sample : I5473-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	3.3	ng	144911	1	6.92	888106	20.0
2-Pentanone, 4-hy...	5.13	6.8	ng	302534	1	6.92	888106	20.0
unknown6.68	6.68	35.1	ng	1559640	1	6.92	888106	20.0
Nonanoic acid, 9-...	9.53	3.5	ng	156090	3	9.96	893815	20.0
9-Hexadecenoic ac...	11.75	6.1	ng	237505	4	11.44	783437	20.0
Hexadecanoic acid...	11.83	98.3	ng	3850220	4	11.44	783437	20.0
n-Hexadecanoic acid	11.96	9.7	ng	378228	4	11.44	783437	20.0
9,12-Octadecadien...	12.52	137.2	ng	5372780	4	11.44	783437	20.0
15-Octadecenoic a...	12.55	178.0	ng	6971040	4	11.44	783437	20.0
Methyl 9.cis.,11....	13.10	3.7	ng	168304	5	14.08	913659	20.0
9-Octadecenoic ac...	13.26	7.4	ng	340013	5	14.08	913659	20.0
Eicosanoic acid, ...	13.34	4.0	ng	184020	5	14.08	913659	20.0
unknown13.45	13.45	8.6	ng	394342	5	14.08	913659	20.0
unknown13.50	13.50	4.4	ng	199480	5	14.08	913659	20.0
unknown13.77	13.77	15.5	ng	707503	5	14.08	913659	20.0
Docosanoic acid, ...	14.00	4.7	ng	212610	5	14.08	913659	20.0
Hexacosane	15.19	6.0	ng	229367	6	15.58	762710	20.0
Heneicosane	16.03	5.6	ng	211887	6	15.58	762710	20.0